



Acanthophora spicifera

Red Algae

Threat Scores

1. Ecological Impact
 - “This species is very adaptable and reproduces easily, allowing it to be established all over the world; competes with several native algae species in Hawai’i” (Molnar, 2008)
2. Invasive Potential
 - “A. spicifera is well adapted for recruiting into new areas after fragmentation because its branchlets are hook-like and easily snag onto other algae, or any substrate with an irregular surface. Fragments are carried and dispersed by local currents”(Molnar, 2008)
3. Geographic Extent
 - Locally pervasive



Geography and Habitat

1. Native: Guam
2. Introduced: Hawaii
3. Found in marine habitats, benthic, coral reefs

Invasion Pathways

1. Hull/Surface fouling - barge from Guam
2. Natural spread - fragments carried by local currents

Non-Native Locations

1. 152 - Hawaiian Islands

Sources

1. <http://www.issg.org/database/species/ecology.asp?si=1060&fr=1&sts=sss&lang=EN>
2. Molnar, Jennifer, et al. 2008. “Assessing the global threat of invasive species to marine biodiversity.” *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
3. <http://conserveonline.org/workspaces/global.invasive.assessment>